

	TYPICAL DATA SHEET*	ISSUE DATE	Feb-2022
	POLYETHYLENE	WWW.TPCO.IR	
	HD5030EA	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL: +984134282612	

HD5030EA is high density polyethylene copolymer containing butene-1(C4) as co monomer. HD5030EA has the following characteristics: good impact strength, excellent surface finish. This grade has food contact approval.

Applications: caps and closures for packaging without free torque advantage.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX (190°C 2.16KG)	g/10min	ASTM D-1238	1.8
DENSITY	gr/cm3	ASTM D-1505	0.948
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
VICAT SOFTENING POINT	°C	ASTM D-1525	112
TENSILE STRESS AT YEILD	MPA	ASTM D-638	20
ELONGATION AT BREAK	%	ASTM D-638	1100
CHARPY IMPACT	KJ/M2	ASTM D-6110	15

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (Standard Sales Specifications).

Grade Suffix (Additives Indication): EA: GENERAL ANTIOXIDANT WITHOUT SLIP AGENT